Subpart I—Delaware

§52.420 Identification of plan.

- (a) *Purpose and scope.* This section sets forth the applicable State implementation plan for Delaware under section 110 of the Clean Air Act, 42 U.S.C. 7410, and 40 CFR part 51 to meet national ambient air quality standards.
- (b) Incorporation by reference. (1) Material listed in paragraphs (c) and (d) of this section with an EPA approval date prior to July 1, 1998 was approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Material is incorporated as it exists on the date of the approval, and notice of any change in the material will be published in the FEDERAL REGISTER. Entries in paragraphs (c) and (d) of this section with EPA approval
- dates after July 1, 1998, will be incorporated by reference in the next update to the SIP compilation.
- (2) EPA Region 3 certifies that the rules/regulations provided by EPA in the SIP compilation at the addresses in paragraph (b)(3) of this section are an exact duplicate of the officially promulgated State rules/regulations which have been approved as part of the State implementation plan as of July 1, 1998.
- (3) Copies of the materials incorporated by reference may be inspected at the Region 3 EPA Office at 1650 Arch Street, Philadelphia, PA 19103; the Office of the FEDERAL REGISTER, 800 North Capitol Street, NW., Suite 700, Washington, DC.; or at EPA, Air and Radiation Docket and Information Center, Air Docket (6102), 401 M Street, SW., Washington, DC. 20460.
 - (c) EPA approved regulations.

EPA-APPROVED REGULATIONS IN THE DELAWARE SIP

State cita- tion	Title subject	State ef- fective date	EPA approval date	Comments	
	Regulation 1—Definitions and	d Administra	ative Principles		
Section 1	General Provisions	5/28/74	03/23/76, 41 FR 12010		
Section 2	Definitions	10/11/98	3/11/99, 64 FR 12087	Some terms not in SIP due to subject matter	
Section 3	Administrative Principles	1/7/72	05/31/72, 37 FR 10842		
Section 4	Abbreviations	2/1/81	3/15/82, 48 FR 11013	Abbreviation of "CAA" only	
	Regulation 2	—Permits			
Section 1	General Provisions	10/8/82	1/26/83, 48 FR 3598		
Section 2	Construction, Installation, Alteration and Operation Permits.	1/31/90	6/29/90, 55 FR 26689	Section 2.1.h is not in the SIP	
Section 3	Exemptions	3/6/90	1/27/93, 58 FR 40065		
Section 4	Applications Prepared by Interested Parties	7/17/84	7/2/85, 50 FR 27244		
Section 5	Cancellation of Permits	10/8/82	1/26/83, 48 FR 3598		
Section 6	Action on Applications	10/8/82	1/26/83, 48 FR 3598		
Section 7	Suspension or Revocation of Operating Permits	7/17/84	7/2/85, 50 FR 27244		
Section 8	Transfer of Permit Prohibited	7/17/84	7/2/85, 50 FR 27244		
Section 9	Availability of Permits	7/17/84	7/2/85, 50 FR 27244		
	Regulation 3—Ambient	Air Quality	Standards		
Section 1	General Provisions	03/29/88	4/6/94, 48 FR 46986		
Section 2	General Restrictions	3/11/80	10/30/81, 46 FR 53663		
Section 3	Suspended Particulates	3/11/80	10/30/81, 46 FR 53663		
Section 4	Sulfur Dioxide	3/11/80	10/30/81, 46 FR 53663		
Section 5	Carbon Monoxide	3/11/80	10/30/81, 46 FR 53663		
Section 6	Ozone	3/11/80	10/30/81, 46 FR 53663		
Section 8	Nitrogen Dioxide	3/11/80	10/30/81, 46 FR 53663		
Section 10	Lead	3/11/80	3/11/82, 48 FR 10535		
Section 11	PM ₁₀ Particulates	12/7/88	4/6/94, 48 FR 46986		
	Regulation 4—Particulate Emission	s From Fue	l Burning Equipment		
Section 1	General Provisions	5/28/74	41 FR 12010		

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State cita- tion	Title subject	State ef- fective date	EPA approval date	Comments			
Regulation 5—Particulate Emissions From Industrial Process Operations							
Section 1 Section 2 Section 3	General Provisions	5/28/74 5/28/74 5/28/74	3/23/76, 41 FR 12010 3/23/76, 41 FR 12010 3/23/76, 41 FR 12010				
Section 4 Section 5	Restrictions on Secondary Metal Operations Restrictions on Petroleum Refining Operations	12/2/77 9/26/78	07/30/79, 44 FR 44497 08/01/80, 45 FR 51198	SIP-approved process weight rate unit (see Table 4) is "Barrels Per Day"			
Section 6 Section 7	Restrictions on Prill Tower Operations Control of Potentially Hazardous Particulate Matter	9/26/78 1/7/72	08/01/80, 45 FR 51198 5/31/72, 37 FR 10842	. o. buy			
	Regulation 6—Particulate Emissions From	n Construct	ion and Materials Handl	ing			
Section 1	General Provisions	1/7/72	05/31/72, 37 FR 10842				
Section 2	Demolition	5/28/74	03/23/76, 41 FR 12010				
Section 3	Grading, Land Clearing, Excavation and Use of Non-Paved Roads.	5/28/74	03/23/76, 41 FR 12010				
Section 4	Material Movement	5/28/74	03/23/76, 41 FR 12010				
Section 5 Section 6	Sandblasting	5/28/74 5/28/74	03/23/76, 41 FR 12010 03/23/76, 41 FR 12010				
	Regulation 7—Emissions From Inci	neration of	Noninfectious Waste				
Section 1	General Provisions	05/28/74		Provisions were re-			
		05/28/74	03/23/76, 41 FR 12010	vised 10/13/89 by State, but not submitted to EPA as SIP revisions			
Section 2	Restrictions	05/28/74	03/23/76, 41 FR 12010				
Regulation 8—Sulfur Dioxide Emissions From Fuel Burning Equipment							
Section 1	General Provisions	12/8/83	10/3/84, 49 FR 39061				
Section 2 Section 3	Limit on Sulfur Content of Fuel Emissions Control in Lieu of Sulfur Content Limits of Section 2.	5/9/85 5/9/85	12/08/86, 51 FR 44068 12/08/86, 51 FR 44068				
	Regulation 9—Emissions of Sulfur Con	npounds Fr	om Industrial Operations	i			
Section 1 Section 2	General Provisions	5/9/85 12/29/80	12/08/86, 51 FR 44068 03/11/82, 48 FR 10535	Section 2.1 only is in the SIP. Sections 2.2 through 2.4 are fed- erally enforceable as a Section 111(d) plan and codified at 40 CFR 62.1875			
Section 3 Section 4	Restriction on Sulfur Recovery Operations	5/28/74 4/18/83	03/23/76, 41 FR 12010 09/21/83, 48 FR 42979	40 0110 02.1070			
	Regulation 10—Control of Sulfur Dioxide	Emissions-	Kent and Sussex Coun	ties			
Section 1	Requirements for Existing Sources of Sulfur Diox-	1/7/72	05/31/72, 37 FR 10842				
Section 2	ide. Requirements for New Sources of Sulfur Dioxide	5/28/74	03/23/76, 41 FR 12010				
R	egulation 11—Carbon Monoxide Emissions From Ir		,	Castle County			
Section 1	General Provisions	5/28/74	03/23/76, 41 FR 12010	Citation revised, 3/23/			
Section 2	Restrictions on Petroleum Refining Operations	1/7/72	05/31/72, 37 FR 10842	76, 41 FR 12010			
	Regulation 12—Control of N			<u> </u>			
	_	_					
Section 1 Section 2	Applicability	11/24/93 11/24/93	06/16/99, 64 FR 32189 06/16/99, 64 FR 32189	Limited approval			
Section 3 Section 4	Standards Exemptions	11/24/93 11/24/93	06/16/99, 64 FR 32189 06/16/99, 64 FR 32189	Limited approval Limited approval			

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State cita- tion	Title subject	State ef- fective date	EPA approval date	Comments
Section 5	Alternative and Equivalent RACT Determinations	11/24/93	06/16/99 , 64 FR 32189	Limited approval
Section 6 Section 7	RACT Proposals	11/24/93 11/24/93	06/16/99, 64 FR 32189 06/16/99, 64 FR 32189	Limited approval Limited approval
	Regulation 13—	Open Burni	ng	
Section 1	Prohibitions-All Counties	2/8/95	03/12/97, 62 FR 11329	EPA effective date is 5/
Section 2	Prohibitions-Specific Counties	2/8/95	03/12/97, 62 FR 11329	1/98 EPA effective date is 5/
Section 3	General Restrictions-All Counties	2/8/95	03/12/97, 62 FR 11329	1/98 EPA effective date is 5/
Section 4	Exemptions-All Counties	2/8/95	03/12/97, 62 FR 11329	1/98 EPA effective date is 5/ 1/98
	Regulation 14—Vi	sible Emiss	ions	
Section 1	General Provisions	7/17/84	07/02/85, 50 FR 27244	
Section 2	Requirements	7/17/84	07/02/85, 50 FR 27244	
Section 3	Alternate Opacity Requirements	7/17/84	07/02/85, 50 FR 27244	
Section 4	Compliance with Opacity Standards	7/17/84	07/02/85, 50 FR 27244	
	Regulation 15—Air Pollution	Alert and E	mergency Plan	Т
Section 1	General Provisions	1/7/72	05/31/72, 37 FR 10842	
Section 2	Stages and Criteria	3/29/88	04/06/94, 59 FR 16140	
Section 3	Required Actions	1/7/72	05/31/72, 37 FR 10842	Delaware removed the word "standby" from Table III, Section 3B effective 5/28/74, but did not submit as a
Section 4	Standby Plans	1/7/72	05/31/72, 37 FR 10842	SIP revision.
	Regulation 16—Sources Having an	Interstate A	Air Pollution Potential	
Section 1	General Provisions	1/7/72	05/31/72, 37 FR 10842	Delaware revised pro- vision effective 5/28/ 74, but did not sub- mit as a SIP revision
Section 2 Section 3	Limitations	1/7/72 1/7/72	05/31/72, 37 FR 10842 05/31/72, 37 FR 10842	
	Regulation 17—Source Monitoring	, Record-Ke	eping and Reporting	
Section 1 Section 2	Definitions and Administrative Principles	1/11/93 7/17/84	02/28/96, 61 FR 7453 07/02/85, 50 FR 27244	Former SIP Sections 1 through 5 respec- tively; citation re- vised 2/28/96, 62 FR 7453., Note: Dela- ware revised Sec- tions 4 and 6 effec- tive 1/11/93, but did not submit as a SIP revision
Section 3	Minimum Emission Monitoring Requirements for Existing Sources.	1/10/77	8/25/81, 46 FR 43150	
Section 4	Performance Specifications	1/10/77	8/25/81, 46 FR 43150	
Section 5	Minimum Data Requirements	1/10/77	8/25/81, 46 FR 43150	
Section 6	Data Reduction	1/10/77	8/25/81, 46 FR 43150	
Section 7	Emission Statement	1/11/93	02/28/96, 61 FR 7453	
	Regulation 23—Standards of Performance	for Steel P	lants: Electric Arc Furna	ices
Section 1	Applicability	12/2/77	07/30/79, 44 FR 44497	Correction published 8/ 20/80, 45 FR 55422
Section 2 Section 3	Definitions	04/18/83 04/18/83	09/21/83, 49 FR 39061 09/21/83, 49 FR 39061	

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State cita- tion	Title subject	State ef- fective date	EPA approval date	Comments
Section 4	Monitoring of Operations	12/2/77	07/30/79, 44 FR 44497	Correction published 8/
Section 5	Test Methods and Procedures	12/2/77	07/30/79, 44 FR 44497	20/80, 45 FR 55422. Correction published 8/ 20/80, 45 FR 55422
	Regulation 24—Control of Volatile	Organic Co	ompound Emissions	
Section 1	General Provisions	1/11/93	5/3/95, 60 FR 21707	
Section 2	Definitions	10/11/98	3/11/99, 64 FR 12087	The revised definition of "Exempt compounds"
Section 3	Applicability	1/11/93	5/3/95, 60 FR 21707	poundo
Section 4	Compliance Certification, Recordkeeping, and Reporting Requirements for Coating Sources.	11/29/94	01/26/96, 61 FR 2419	
Section 5	Compliance Certification, Recordkeeping, and Reporting Requirements for Non-Coating Sources.	1/11/93	5/3/95, 60 FR 21707	
Section 6	General Recordkeeping	1/11/93	5/3/95, 60 FR 21707	
Section 7	Circumvention	1/11/93	5/3/95, 60 FR 21707	
Section 8	Handling, Storage, and Disposal of Volatile Organic Compounds (VOCs).	11/29/94	01/26/96, 61 FR 2419	
Section 9	Compliance, Permits, Enforceability	1/11/93	5/3/95, 60 FR 21707	
Section 10	Aerospace Coatings	11/29/94	01/26/96, 61 FR 2419	
Section 11	Motor Vehicle Refinishing	11/29/94	01/26/96, 61 FR 2419	
Section 12	Surface Coating of Plastic Parts	11/29/94	01/26/96, 61 FR 2419	
Section 13	Automobile and Light-Duty Truck Coating Operations.	1/11/93	5/3/95, 60 FR 21707	
Section 14	Can Coating	1/11/93	5/3/95, 60 FR 21707	
Section 15	Coil Coating	1/11/93	5/3/95, 60 FR 21707	
Section 16	Paper Coating	1/11/93	5/3/95, 60 FR 21707	
Section 17	Fabric Coating	1/11/93	5/3/95, 60 FR 21707	
Section 18 Section 19	Vinyl Coating	1/11/93 1/11/93	5/3/95, 60 FR 21707 5/3/95, 60 FR 21707	
Section 19	Coating of Metal Furniture	1/11/93	5/3/95, 60 FR 21707	
Section 21	Coating of Magnet Wire	11/29/94	01/26/96, 61 FR 2419	
Section 22	Coating of Miscellaneous Metal Parts	1/11/93	5/3/95, 60 FR 21707	
Section 23	Coating of Flat Wood Panelling	1/11/93	5/3/95, 60 FR 21707	
Section 24	Bulk Gasoline Plants	1/11/93	5/3/95, 60 FR 21707	
Section 25	Bulk Gasoline Terminals	11/29/94	01/26/96, 61 FR 2419	
Section 26	Gasoline Dispensing Facility—Stage I Vapor Recovery.	1/11/93	5/3/95, 60 FR 21707	
Section 27	Gasoline Tank Trucks	1/11/93	5/3/95, 60 FR 21707	
Section 28	Petroleum Refinery Sources	1/11/93	5/3/95, 60 FR 21707	
Section 29	Leaks from Petroleum Refinery Equipment	11/29/94	01/26/96, 61 FR 2419	
Section 30	Petroleum Liquid Storage in External Floating Roof Tanks.	11/29/94	01/26/96, 61 FR 2419	
Section 31	Petroleum Liquid Storage in Fixed Roof Tanks	11/29/94	01/26/96, 61 FR 2419	
Section 32	Leaks from Natural Gas/Gasoline Processing Equipment.	11/29/94	01/26/96, 61 FR 2419	
Section 33 Section 34	Solvent Metal Cleaning	11/29/94 1/11/93	01/26/96, 61 FR 2419	
Section 35	Cutback and Emulsified Asphalt	11/29/94	5/3/95, 60 FR 21707 01/26/96, 61 FR 2419	
Section 36	Stage II Vapor Recovery	1/11/93	6/10/94, 59 FR 29956	
Section 37	Graphic Arts Systems	11/29/94	01/26/96, 61 FR 2419	
Section 38	Petroleum Solvent Dry Cleaners	1/11/93	5/3/95, 60 FR 21707	
Section 39	Perchloroethylene Dry Cleaning	1/11/93	5/3/95, 60 FR 21707	
Section 40	Leaks from Synthetic Organic Chemical, Polymer, and Resin Manufacturing Equipment.	1/11/93	5/3/95, 60 FR 21707	
Section 41	Manufacture of High-Density Polyethylene, Polypropylene and Polystyrene Resins.	1/11/93	5/3/95, 60 FR 21707	
Section 42	Air Oxidation Processes in the Synthetic Organic Chemical Manufacturing Industry.	1/11/93	5/3/95, 60 FR 21707	
Section 43	Bulk Gasoline Marine Tank Vessel Loading Facilities.	11/29/94	01/26/96, 61 FR 2419	
Section 44	Batch Processing Operations	11/29/94	01/26/96, 61 FR 2419	
Section 45	Industrial Cleaning Solvents	11/29/940	1/26/96, 61 FR 2419	
Section 47	Offset Lithographic Printing	11/29/94	05/14/97, 62 FR 26399	
Section 48	Reactor Processes and Distillation Operations in the Synthetic Organic Chemical Manufacturing	11/29/94	01/26/96, 61 FR 2419	
	Industry.	I	I	I

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State cita- tion	Title subject	State ef- fective date	EPA approval date	Comments
Section 49	Control of Volatile Organic Compound Emissions from Volatile Organic Liquid Storage Vessels.	11/29/94	01/26/96, 61 FR 2419	
Section 50	Other Facilities that Emit Volatile Organic Compounds (VOCs).	11/29/94	03/12/97, 62 FR 11329	EPA effective date for Sections 50(a)(5) and 50(b)(3) is 5/1/ 98
Appendix "A".	Test Methods and Compliance Procedures: General Provisions.	11/29/94	01/26/96, 61 FR 2419	98
Appendix "B".	Test Methods and Compliance Procedures: Determining the Volatile Organic Compound (VOC) Content of Coatings and Inks.	1/11/93	5/3/95, 60 FR 21707	
Appendix "C".	Test Methods and Compliance Procedures: Alternative Compliance Methods for Surface Coating.	1/11/93	5/3/95, 60 FR 21707	
Appendix "D".	Test Methods and Compliance Procedures: Emission Capture and Destruction or Removal Efficiency and Monitoring Requirements.	11/29/94	01/26/96, 61 FR 2419	
Appendix "E".	Test Methods and Compliance Procedures: Determining the Destruction or Removal Efficiency of a Control Device.	1/11/93	5/3/95, 60 FR 21707	
Appendix "F".	Test Methods and Compliance Procedures: Leak Detection Methods for Volatile Organic Compounds (VOCs).	1/11/93	5/3/95, 60 FR 21707	
Appendix "G".	Performance Specifications for Continuous Emissions Monitoring of Total Hydrocarbons.	1/11/93	5/3/95, 60 FR 21707	
Appendix "H".	Quality Control Procedures for Continuous Emission Monitoring Systems (CEMS).	1/11/93	5/3/95, 60 FR 21707	
Appendix "I".	Method to Determine Length of Rolling Period for Liquid-Liquid Material Balance Method.	11/29/94	01/26/96, 61 FR 2419	
Appendix "J".	Procedures for Implementation of Regulations Covering Stage II Vapor Recovery Systems for Gasoline Dispensing Facilities.	1/11/93	6/10/94, 59 FR 29956	
Appendix "J1".	Certified Stage II Vapor Recovery Systems	1/11/93	6/10/94, 59 FR 29956	
Appendix "J2".	Pressure Decay/Leak Test Procedure for Verification of Proper Functioning of Stage I & Stage II Vapor Recovery Equipment.	1/11/93	6/10/94, 59 FR 29956	
Appendix "J3".	Dynamic Backpressure (Dry) Test and Liquid Blockage (Wet) Test Procedure for Verification of Proper Functioning of Stage II Vapor Balance Recovery Systems.	1/11/93	6/10/94, 59 FR 29956	
Appendix "K".	Emission Estimation Methodologies	11/29/94	01/26/96, 61 FR 2419	
Appendix "L".	Method to Determine Total Organic Carbon for Offset Lithographic Solutions.	11/29/94	01/26/96, 61 FR 2419	
Appendix "M".	Test Method for Determining the Performance of Alternative Cleaning Fluids.	11/29/94	01/26/96, 61 FR 2419	
	Regulation 25—Requirements	for Precons	struction Review	
Section 1	General Provisions	5/15/90	01/27/93, 58 FR 26689	
Section 2 Section 3	Emission Offset Provisions Prevention of Significant Deterioration of Air Quality	7/6/82 5/15/90	10/17/83, 48 FR 46986 01/27/93, 58 FR 26689	
	Regulation 26—Motor Vehicle E		·	<u> </u>
Section 1	Applicability and Definitions	4/1/90	01/06/92, 57 FR 351	Revised Regulation 26
				submitted 2/17/95, and conditionally ap- proved by EPA on May 19, 1997, 62 FR 27195, at § 52.424(b)
Section 2	General Provisions	4/1/90	01/06/92, 57 FR 351	' - ' '
Section 3	Registration Requirement	5/9/85	12/08/86, 51 FR 44068	
Section 4	Exemptions	4/1/90	01/06/92, 57 FR 351	
Section 5 Section 6	Enforcement	7/6/82 4/1/90	10/17/83, 48 FR 46986 01/06/92, 57 FR 351	
Section 7	Inspection Facility Requirements	7/6/82	10/17/83, 48 FR 46986	
Section 8	Certification of Motor Vehicle Officers	7/6/82	10/17/83, 48 FR 46986	
Section 9	Calibration and Test Procedures and Approved Equipment.	7/6/82	10/17/83, 48 FR 46986	

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EPA-APPROVED REGULATIONS IN THE DELAWARE SIP—Continued

State cita- tion	Title subject	Title subject State effective date EPA approval date		Comments	
Technical Memo- randum 1.	Motor Vehicle Inspection, and Maintenance Program, Vehicle Test Procedure and Machine Calibration.	4/1/90	01/06/92, 57 FR 351		
Technical Memo- randum 2.	Motor Vehicle Inspection and Maintenance Program Emission Limit.	4/1/90	01/06/92, 57 FR 351		
	Regulation 27—	Stack Heigh	nts		
Section 1	General Provisions	4/18/83	09/21/83, 48 FR 42979		
Section 2	Definitions Specific to this Regulation	12/7/88	06/29/90, 55 FR 26689		
Section 3	Requirements for Existing and New Sources	2/18/87	06/29/90, 55 FR 26689		
Section 4	Public Notification	2/18/87	06/29/90, 55 FR 26689		
	Regulation 35—Ge	neral Confo	rmity	•	
Section 1	Purpose	8/14/96	07/15/97, 62 FR 37722		
Section 2	Definitions	8/14/96	07/15/97, 62 FR 37722		
Section 3	Applicability	8/14/96	07/15/97, 62 FR 37722		
Section 4	Conformity Analysis	8/14/96	07/15/97, 62 FR 37722		
Section 5	Reporting Requirements	8/14/96	07/15/97, 62 FR 37722		
Section 6	Public Participation and Consultation	8/14/96	07/15/97, 62 FR 37722		
Section 7	Frequency of Conformity Determinations	8/14/96	07/15/97, 62 FR 37722		
Section 8	Criteria for Determining Conformity of General Federal Actions.	8/14/96	07/15/97, 62 FR 37722		
Section 9	Procedures for Conformity Determinations of General Federal Actions.	8/14/96	07/15/97, 62 FR 37722		
Section 10	Mitigation of Air Quality Impacts	8/14/96	07/15/97, 62 FR 37722		
Section 11	Savings Provision	8/14/96	07/15/97, 62 FR 37722		

(d) EPA approved State source specific requirements.

EPA-APPROVED DELAWARE SOURCE-SPECIFIC PERMITS

Name of source	Permit number	State ef- fective date	EPA approval date	Comments
Getty Oil Co			3/7/79, 44 FR 12423 7/30/79, 44 FR 25223	§ 52.420(c)(11) § 52.420(c)(12)
Delmarva Power & Light—Indian River	89-A-7/APC 89/197	2/15/89	1/22/90, 55 FR 2067	§52.420(c)(38)

(e) [Reserved]

[63 FR 67410, Dec. 7, 1998, as amended at 64 FR 12087, Mar. 11, 1999; 64 FR 32189, June 16, 1999]

EFFECTIVE DATE NOTE: At 64 FR 32189, June 16, 1999, §52.420 was amended in the table in paragraph (c) by adding in numerical order a

new entry for ''Regulation 12'', effective July 16, 1999.

§52.421 Classification of regions.

The Delaware plan was evaluated on the basis of the following classifications:

	Pollutant				
Air quality control region		Sulfur oxides	Nitrogen dioxide	Carbon mon- oxide	Photo- chemical oxidants (hydro- carbons)
Metropolitan Philadelphia Interstate Southern Delaware Intrastate	I III	I III	III	I III	I III

[37 FR 10856, May 31, 1972, as amended at 39 FR 16345, May 8, 1974]